

NEW GENERATION

BAJAJ DOUBLE ROLLER (DR) GINNING MACHINE MODEL : MAGNUM WITH AUTOFEEDER

**HIGHEST STRENGTH COTTON GINNING MACHINE
HAVING HIGHEST OUTPUT PER HOUR FOR SAME SIZE DR**



DR Gin with Self Feeder



DR Gin with Seed Conveyor



DR Gin with Doffer Roller



DR Gin without Seed
Collection Tray

Why MAGNUM DR ?

- Increased leather roll diameter
- 14 sealed / Pre greased bearings
- Only 3 greasing points
- Improved beater housing for easy setting
- Adequate weights on leather roll for higher production
- Maximum strength to Gin upto 50 G/Tex cottons
- Use of superior material for highest strength of spare parts
- About 50% lower vibration
- Magnum Machine design is compatible for use of normal greasing bearing as all 2RS bearing area has provision for fitment & use of normal greasing bearing (in emergency case)

- Highest production in same size DR Machines
- Less Power Consumption per unit of production
- One to one replacement on Golden Jubilee/ Ultra models
- Less man power as less greasing points
- Longer wear life of leather roller
- Interchangeability of spares
- Significantly higher profits
- Robust body
- Simple operations
- Lustrous lint fiber production Machine
- Improved autofeeder for better performance
- Prompt after sales service

DESIGNED WITH THE USER IN MIND; OVER 60 YEARS OF EXPERIENCE AT HAND!

BAJAJ DOUBLE ROLLER (DR) COTTON GIN MAGNUM

Gin Machine	Details	Autofeeder	Details
M/C Bolt Centre	1637x760 mm	RPM	35 - 40
M/C Centre (min.)	2637 mm	Feeding System	Mechanical/ Pneumatic Manual
Production capacity (Lint)*	95 to 140 Kgs/Hr	Bearings (Sealed)	14
Processing Capacity (R/C)	265 to 430 Kgs/Hr	Lubrication/(Grease)	20 Gms/ 8 hrs
Electric Motor	5 H.P. 132 M Frame	Storage Capacity	45-60 kgs
Flat Length	1521 mm	Note: 1. Production capacity depends on Raw Cotton Quality/ Grade 2. Always use branded high quality multipurpose Grease for lubrication	
Space b/w Row (min. c/c)	3660 mm		
Operating Speed	950 /1000 RPM		
Driving V-Belts	2 Nos. 'B' Section		
Bearings (Need Lubrication)	7 Nos.		
Bearings (Lubrication Free)	14 Nos.		
Lubrication (Grease)	75 Gms/8 Hr		
Gears	Helical		
Seed Discharge	Slides / Vertical		
Removal of Cotton Lint	Front & Rear		
Min Distance B/w M/c	1000 mm		
Rotation of Machine Pulley	Clockwise		

ACCESSORIES : Box Spanner, M12 & M16, T Spanner M10, 1 / 8" BSP Threaded T Spanner, Beater Adjustment Gauge.

OPTIONAL SUPPLY : Foundation Templates, Foundation Bolts, Motor Rails, Motor Pulley, Guard For Pulley, V Belts, Seed Screw Conveyor, Roll Press, Roll Cutting Stand, Cotton Bag, Weighing Stand, Lint Filling Platform, Bus Bar Panel With All Required Fittings, Platform Structure, Complete Range Of Spares, Doffer Roller Assembly, Automatic Roll Grooving Machine, Electrical Motor & Electricals.

BAJAJ DR : A PROFIT GIN

- Protects Fibre Quality; Gives Production of Clean; Lustrous Cotton Lint.
- Works efficiently; reduces cost and adds to profitability.
- Engineering experiences and expertise combined to ensure lowest operational and maintenance cost.
- Consumes less power.

BAJAJ DR : HIGH QUALITY AND HEAVY DUTY GIN

- All gears, connecting rod, head, beater arm, swing lever etc. are made of high Nodularity ductile iron.
- All rotating parts are provided with precision bearings to reduce friction for optimum efficiency.
- Connecting housing is provided with heavy duty self aligning roller bearing.
- Leather roller shafts are interchangeable and if one side of the roller is worn out, It can be reversed.
- Lint output remains uniform on full length of the rollers.
- Moving parts are housed in dust proof gear box for smooth running.
- Lubrication is pressure fed, dust proof greasing system.
- Special hardened bushes for weight levers and swing levers ensure smooth working of gin.

BAJAJ DR : MOST RELIABLE GIN

- Over 100,000 gins of different models are in efficient operation in India & Abroad.
- Fully backed by after sales services, provided by team of trained and Competent engineers.
- High quality replacement parts and spares available at all times.

FEATURES :

- Lowest power consumption per quintal lint ginned.
- Fully machined dynamically balanced fly wheel / machine pulley.
- All rotating parts are precision machined using advanced manufacturing process on CNC machines providing best finish & tolerances to provide enhanced life of the machine & zero down time.
- Mechanism requiring lower periodic maintenance & setting of the machine.

Lint productivity is depended on the quality of seed Cotton, input Voltage, period of Ginning, Atmospheric condition, setting of machines, maintenance of machine

BAJAJ GINNING EQUIPMENTS & SYSTEMS

Double Roller Cotton Gin~Auto Feeder~Pre Cleaner~Lint Cleaner~Seed Cotton Opener & Cleaner~Pneumatic Conveying and Distribution System of Unginned Cotton for Automatic Plants~Belt Conveyors & Pneumatic Conveying System for Cotton Lint~Cottonseed Conveyors, Elevators~Electricals and Cotton Baling Presses.

ALWAYS USE

BAJAJ GENUINE SPARE PARTS FOR HIGHER QUALITY OUTPUT & BETTER LIFE OF MACHINE

Note : Features shown do not necessarily show the machine / equipments in it's standards form. In view of our policy of continuously improving our products, we reserve the right to alter specifications or designs without prior notice & without liability .



BAJAJ STEEL INDUSTRIES LIMITED

Plot No. C-108, MIDC Industrial Area, Hingna, Nagpur - 440028 (MH) India.
Tel. : +91-07104-238101-20, Fax : +91-07104- 237067
E-mail : bsi@bajajngp.com Web : www.bajajngp.com

BAJAJ CONEAGLE LLC

1900 Market St., Millbrook, AL 36054. USA
Telephone: (334) 517-6139/40/41 Fax: (334) 571-6142
email: sales@bajajconeagle.com
website: www.bajajconeagle.com

